

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A composition comprising: leucine and at least one essential amino acid selected from the group consisting of isoleucine, lysine, methionine, phenylalanine, threonine, tryptophan, valine, ~~or~~-histidine, and combinations thereof in free and/or salt form, wherein said leucine, in free and/or salt form, is present in an amount of at least about ~~25%~~ 30% to about 95% by weight based on the weight of total amino acids and wherein said composition provides a ratio of total essential amino acids to total amino acids ranging from about 0.60 to about 0.90.

Claim 2 (currently amended): A composition comprising: leucine and at least one essential amino acid selected from the group consisting of isoleucine, lysine, methionine, phenylalanine, threonine, tryptophan, valine, ~~or~~-histidine, and combinations thereof in free and/or salt form, wherein total leucine is present in an amount of at least about ~~25%~~ 30% to about 35% by weight based on the weight of total amino acids and wherein said composition provides a ratio of total essential amino acids to total amino acids ranging from about 0.60 to about 0.90.

Claim 3 (currently amended): A composition comprising:

a) leucine and at least one essential amino acid in free form and/or salt form selected from the group consisting of isoleucine, lysine, methionine, phenylalanine, threonine, tryptophan, valine, ~~or~~ histidine, and combinations thereof and, optionally, at least one conditionally essential amino acid selected from the group consisting of tyrosine, cysteine, arginine, ~~and~~ glutamine, and combinations thereof in free form and/or salt form, and

b) at least one intact protein selected from the group consisting of casein, whey protein, soy protein, collagen, ~~or~~ wheat protein, and combinations thereof, wherein said composition provides a ratio of total essential amino acids and, optionally, conditionally essential amino acids to total amino acids ranging from about 0.60 to about 0.90 and wherein said leucine, in free and/or salt form, is present in an amount of at least about ~~25%~~ 30% by weight based on the weight of intact protein.

Claim 4 (previously presented): The composition of claim 3, wherein the essential amino acid comprises leucine and at least one of isoleucine, lysine, methionine, phenylalanine, threonine, tryptophan, valine, or histidine.

Claim 5 (cancelled).

Claim 6 (withdrawn): The composition of claim 3, further comprising arginine, in free and/or salt form, in an amount of at least about 5% to about 40% by weight based on the weight of total amino acids.

Claim 7 (previously presented): The composition of claim 3, further comprising methionine in free and/or salt form in an amount of at least about 0.5% to about 5% by weight based on the weight of total amino acids.

Claim 8 (original): The composition of claim 3, further comprising an n-3 polyunsaturated fatty acid.

Claim 9 (currently amended): The composition of claim 8, wherein the n-3 polyunsaturated fatty acid is ~~chosen~~ selected from the group consisting of u-linolenic acid, eicosapentaenoic acid, ~~and docosahexaenoic acid, and combinations thereof.~~

Claim 10 (original): The composition of claim 3, further comprising at least about 1 g of eicosapentaenoic acid per serving or at least about 2 g of eicosapentaenoic acid per daily dose.

Claim 11 (original): The composition of claim 3, further comprising tocopherol.

Claim 12 (withdrawn): The composition of claim 3, further comprising tocotrienol.

Claim 13 (original): The composition of claim 11, wherein the tocopherol is present in an amount about 50 mg per serving or at least 150 mg per daily dose.

Claim 14 (previously presented): The composition of claim 3, comprising from about 15 g to about 55 g amino acids in free and/or salt form per daily dose.

Claim 15 (cancelled).

Claim 16 (previously presented): The composition of claim 3, comprising from about 36 g to about 72 g total essential and/or conditionally essential amino acids per serving.

Claim 17 (currently amended): A kit comprising:

a) a first composition comprising:

1) leucine and at least one essential amino acid in free form and/or salt form selected from the group consisting of isoleucine, lysine, methionine, phenylalanine, threonine, tryptophan, valine, ~~or~~ histidine, and combinations thereof and, optionally, at least one conditionally essential amino acid selected from the group consisting of tyrosine, cysteine, arginine and glutamine in free form and/or salt form, and

2) at least one intact protein selected from the group consisting of casein, whey protein, soy protein, collagen, ~~or~~ wheat protein, and combinations thereof, wherein said composition provides a ratio of total essential amino acids and, optionally, conditionally essential amino acids to total amino acids ranging from about 0.60 to about 0.90 and wherein said leucine, in free and/or salt form, is present in an amount of at least about ~~25%~~ 30% by weight based on the weight of intact protein; and

b) a second composition comprising an anti-cancer drug, wherein said anticancer drug is selected from the group consisting of 5-fluorouracil, mitomycin-C, adriamycin, chloroethyl nitrosureas, ~~or~~ methotrexate, and combinations thereof.

Claim 18 (withdrawn, currently amended): A method of ameliorating a condition associated with cachexia and/or anorexia comprising:

administering to a human in need of such amelioration a composition ~~according to claim 3~~ selected from the group consisting of those composition as claimed in claims 1, 2, 3, 4, 7, 8, 9, 10, 11, 13, 14, 16, and 23-27.

Claim 19 (withdrawn): The method of claim 18, wherein the condition is tumor-induced weight loss or muscle loss.

Claim 20 (withdrawn): The method of claim 18, wherein the administering step is enteral.

Claim 21 (withdrawn, currently amended): A method of stimulating muscle protein synthesis comprising:

administering to a human in need of such stimulation a composition ~~according to claim 3~~ selected from the group consisting of those composition as claimed in claims 1, 2, 3, 4, 7, 8, 9, 10, 11, 13, 14, 16, and 23-27.

Claim 22 (withdrawn, currently amended): A method of reducing malnutrition comprising:

administering to a human in need of such reduction a composition ~~according to claim 3~~ selected from the group consisting of those composition as claimed in claims 1, 2, 3, 4, 7, 8, 9, 10, 11, 13, 14, 16, and 23-27.

Claim 23 (currently amended): A composition consisting essentially of: leucine and at least one essential amino acid selected from the group consisting of isoleucine, lysine, methionine, phenylalanine, threonine, tryptophan, valine, ~~or~~ histidine, and combinations thereof in free and/or salt form, wherein leucine, in free and/or salt form, is present in an amount of at least about ~~25%~~ 30% by weight based on the weight of total amino acids.

Claim 24 (currently amended): A composition consisting essentially of: leucine and at least one essential amino acid selected from the group consisting of isoleucine, lysine, methionine, phenylalanine, threonine, tryptophan, valine, ~~or~~ histidine, and combinations thereof in free and/or salt form, wherein total leucine is present in an amount of at least about ~~25%~~ 30% by weight based on the weight of total amino acids.

Claim 25 (currently amended): A composition consisting essentially of:

a) leucine and at least one essential amino acid selected from the group consisting of isoleucine, lysine, methionine, phenylalanine, threonine, tryptophan, valine, ~~or~~ histidine, and combinations thereof and, optionally, at least one conditionally essential amino acid selected from the group consisting of tyrosine, cysteine, arginine, ~~and~~ glutamine, and combinations thereof in free form and/or salt form, wherein said leucine, in free and/or salt form, is present in an amount of at least about ~~25%~~ 30%, and

b) at least one intact protein selected from the group consisting of casein, whey protein, soy protein, collagen, ~~or~~ wheat protein, and combinations thereof, wherein said composition provides a ratio of total essential amino acids and, optionally, conditionally essential amino acids, to total amino acids ranging from about 0.60 to about 0.90.

Claim 26 (Previously Presented): The composition of claim 3, comprising from about 12 g to about 15 g leucine in free and/or salt form per daily dose.

Claim 27 (currently amended): The composition of claim 3, further comprising methionine in free and/or salt form in an amount of at least about 5% to about 7% by weight based on the weight of total amino[[],] acids.

Claim 28 (currently amended): A kit comprising:

a) a first composition consisting essentially of:

1) leucine and at least one essential amino acid in free form and/or salt form selected from the group consisting of isoleucine, lysine, methionine, phenylalanine, threonine, tryptophan, valine, ~~or~~ histidine, and combinations thereof, and, optionally, at least one conditionally essential amino acid selected from the group consisting of tyrosine, cysteine, arginine, ~~and~~ glutamine, and combinations thereof, in free form and/or salt form, wherein said leucine, in free and/or salt form, is present in an amount of at least about ~~25%~~ 30%, and

2) at least one intact protein selected from the group consisting of casein, whey protein, soy protein, collagen, ~~or~~ wheat protein, and combinations thereof, wherein said composition provides a ratio of total essential amino acids and, optionally, conditionally essential amino acids to total amino acids ranging from about 0.60 to about 0.90; and

b) a second composition comprising an anti-cancer drug, wherein said anticancer drug is selected from the group consisting of 5-fluorouracil, mitomycin-C, adriamycin, chloroethyl nitrosureas, or methotrexate, and combinations thereof.

Claim 29 (cancelled).